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Office Memorandum • UNITED STATES GOVERNMENT

TO : The Files

DATE: 9 June 1958

FROM :

25X1

SUBJECT: IN-1 Redesign (Project #2510)

1. A preliminary study of the IN-1 using a 9/16" dia. x 1 3/8" Daystrom Pacific variable resistor and a miniature turns counter and knob assembly to replace the present 1" dia. x 2 7/16" Fairchild variable resistor and gear train and counter design was made.

2. The present engineering model is 5" x 2 7/8" x 1 3/16" over-all. The new layout based on the above changes would require a package 3 5/8" x 2 1/2" x 1" over-all. The size requested is 3" x 2" x 1" over-all.

3. This study indicates mechanical and electrical fabrication time would be approximately equal to the previous design with an additional 80 hours necessary to complete the new design.

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NEXT REVIEW DATE: _____
AUTH: HR 70-2
DATE: 2 DEC 1980 REVIEWER: 064540

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